

Title (en)

Material for a soft intraocular lens

Title (de)

Material für weiche intraokulare Linsen

Title (fr)

Matériau pour lentille intraoculaire souple

Publication

EP 1030194 B1 20021204 (EN)

Application

EP 99102999 A 19990215

Priority

- EP 99102999 A 19990215
- JP 22405097 A 19970820

Abstract (en)

[origin: EP1030194A1] There is provided a material for a soft intraocular lens, which has excellent transparency and flexibility, can be inserted from a small incision and has an high refractive index independent on a water content. The material comprises (A) 5-25 % by weight of acrylate containing an aromatic ring, (B) 50-90 % by weight of 2-hydroxyethyl (meth)acrylate, and (C) 5-45 % by weight of a (meth)acrylate monomer having the coefficient of water absorption of the homopolymer thereof of not more than 30 % by weight, except for (A) acrylate containing an aromatic ring and (B) 2-hydroxyethyl (meth)acrylate.

IPC 1-7

G02B 1/04; **A61L 27/00**; **A61F 2/16**; **C08F 220/30**

IPC 8 full level

A61L 27/00 (2006.01); **A61L 27/16** (2006.01); **C08F 20/28** (2006.01); **C08F 220/28** (2006.01); **A61F 2/16** (2006.01)

CPC (source: EP US)

A61F 2/16 (2013.01 - EP US); **A61L 27/16** (2013.01 - EP US); **C08F 220/28** (2013.01 - EP US); **A61L 2430/16** (2013.01 - EP); **C08F 220/281** (2020.02 - EP US)

Cited by

US8188203B2; WO2014106866A1; WO2005109041A1; WO2012004744A2; WO2012004746A2; US6528602B1; US6653422B2; US8043371B2; US8388681B2; US8047650B2; US8292428B2; US6703466B1; US8360576B2; US8501890B2; US8785627B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1030194 A1 20000823; **EP 1030194 B1 20021204**; JP 4144920 B2 20080903; JP H1156999 A 19990302

DOCDB simple family (application)

EP 99102999 A 19990215; JP 22405097 A 19970820